

DSP-2 Dual-Specificity PhosphataseAbstract of the Disclosure

Compositions and methods are provided for the treatment of conditions associated with cell proliferation, cell differentiation and cell survival. In particular, the dual-specificity phosphatase DSP-2, and polypeptide variants thereof that stimulate dephosphorylation of DSP-2 substrates, are provided. The polypeptides may be used, for example, to identify antibodies and other agents that inhibit DSP-2 activity. The polypeptides and agents may be used to modulate cell proliferation, differentiation and survival.

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